

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049516.D
 Acq On : 29 Jan 2025 22:50
 Operator : RC/JU
 Sample : PB166284BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS284

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Jan 30 08:20:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	191013	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	709465	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	459247	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	929566	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	949160	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	1030664	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	27316	5.299	ng/uL	0.00
4) Pyridine-d5	3.510	84	430171	28.400	ng/u1	0.00
7) Phenol-d5	6.728	99	481023	31.033	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	296619	27.985	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	383030	31.934	ng/u1	0.01
15) 4-Methylphenol-d8	8.245	113	344994	30.379	ng/u1	0.02
21) Nitrobenzene-d5	8.657	128	163277	30.083	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	186390	31.483	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	379542	31.416	ng/u1	0.02
31) 4-Chloroaniline-d4	10.422	131	387715	25.019	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	979250	29.081	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1171056	29.600	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	188211m	34.073	ng/u1	0.05
60) Fluorene-d10	15.151	176	870311	29.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	166434	28.413	ng/u1	0.00
73) Anthracene-d10	17.004	188	1375584	29.634	ng/u1	0.00
81) Pyrene-d10	19.309	212	1613191	29.073	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1683929	30.633	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	57718	10.654	ng/uL	98
5) Pyridine	3.534	79	447920	28.835	ng/u1	95
6) Benzaldehyde	6.675	77	25236	2.964	ng/u1	98
8) Phenol	6.757	94	506609	31.139	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.951	93	383791	28.928	ng/u1	98
12) 2-Chlorophenol	7.092	128	397606	32.100	ng/u1	98
13) 2-Methylphenol	7.981	108	354606	31.103	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.034	45	595561	29.142	ng/u1	100
16) Acetophenone	8.328	105	552889	29.277	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.316	70	300665	30.357	ng/u1	97
18) 4-Methylphenol	8.304	108	386592	31.417	ng/u1	100
19) Hexachloroethane	8.569	117	158654	29.152	ng/u1	98
22) Nitrobenzene	8.698	77	416929	28.760	ng/u1	98
23) Isophorone	9.222	82	777122	29.978	ng/u1	99
25) 2-Nitrophenol	9.398	139	205860	31.316	ng/u1	98
26) 2,4-Dimethylphenol	9.486	107	369961	30.583	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.704	93	475806	29.305	ng/u1	98
29) 2,4-Dichlorophenol	9.945	162	381885	31.444	ng/u1	99
30) Naphthalene	10.322	128	1110897	29.410	ng/u1	99
32) 4-Chloroaniline	10.445	127	224610	15.148	ng/u1	98
33) Hexachlorobutadiene	10.610	225	265479	29.161	ng/u1	99
34) Caprolactam	11.227	113	97231	29.023	ng/u1	99
35) 4-Chloro-3-methylphenol	11.604	107	340894	32.488	ng/u1	99
36) 2-Methylnaphthalene	11.939	142	771455	29.946	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.163	142	772746	30.427	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.316	216	485656	28.689	ng/ul	99
40) Hexachlorocyclopentadiene	12.298	237	219457	22.098	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	312811	31.333	ng/ul	95
42) 2,4,5-Trichlorophenol	12.669	196	328039	31.264	ng/ul	98
43) 1,1'-Biphenyl	12.974	154	1011829	29.039	ng/ul	99
44) 2-Chloronaphthalene	13.010	162	823918	29.166	ng/ul	99
45) 2-Nitroaniline	13.233	65	221769	31.250	ng/ul	97
47) Dimethylphthalate	13.621	163	980084	29.300	ng/ul	100
48) 2,6-Dinitrotoluene	13.739	165	190379	31.646	ng/ul	99
50) Acenaphthylene	13.868	152	1194232	29.381	ng/ul	100
51) 3-Nitroaniline	14.074	138	179462	30.031	ng/ul	98
52) Acenaphthene	14.216	153	849122	29.261	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	102003	27.421	ng/ul	92
55) 4-Nitrophenol	14.439	109	121344	30.024	ng/ul	98
56) Dibenzofuran	14.557	168	1216979	29.412	ng/ul	98
57) 2,4-Dinitrotoluene	14.533	165	289980	32.234	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.792	232	269232	31.508	ng/ul	97
59) Diethylphthalate	14.998	149	958437	30.183	ng/ul	100
61) Fluorene	15.210	166	1002052	29.970	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.210	204	536651	29.590	ng/ul	95
63) 4-Nitroaniline	15.245	138	198426m	35.958	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.298	198	183837	28.633	ng/ul	97
67) N-Nitrosodiphenylamine	15.427	169	823122	29.705	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	320775	30.221	ng/ul	96
69) Hexachlorobenzene	16.209	284	368640	30.076	ng/ul	97
70) Atrazine	16.392	200	299610	27.469	ng/ul	100
71) Pentachlorophenol	16.568	266	201868	26.156	ng/ul	99
72) Phenanthrene	16.945	178	1549405	29.611	ng/ul	99
74) Anthracene	17.039	178	1579729	29.973	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.933	216	470243	27.989	ng/ul	98
76) Pentachlorobenzene	14.474	250	446130	27.770	ng/ul	98
77) Carbazole	17.315	167	1394279	29.599	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1642882	30.535	ng/ul	99
80) Fluoranthene	18.974	202	1877860	29.631	ng/ul	100
82) Pyrene	19.339	202	2024730	29.693	ng/ul	99
83) Butylbenzylphthalate	20.268	149	730581	31.813	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.056	252	583948	32.402	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2025754	30.383	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.068	149	1086131	32.188	ng/ul	100
87) Chrysene	21.174	228	1891736	30.552	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1828196	28.998	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2044221	30.599	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2017711	29.889	ng/ul	99
93) Benzo(a)pyrene	23.785	252	1916209	30.576	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	2470008	31.798	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	2015205	32.016	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1912410	32.380	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

